

for the transfer head can be produced which can facilitate the adhesion of the transfer film to the surface of a paper through the construction of the film transfer tool in which when using the film transfer tool, the pressing force of the transfer head generated when the transfer head is pressed against the surface of the paper concentrates on a single point.

Furthermore, according to the present invention, high strength can be secured by using hard resin or metal for the shaft.

CLAIMS

1. A film transfer tool in which a feed reel and a take-up reel which are adapted to interlock with each other via power transmission means are disposed within a case, whereby a film transfer tape is fed out from said feed reel so as to be moved over the surface of a paper while being pressed against the surface of said paper with a transfer head protruding from said case, and said film transfer tape is then taken up by said take-up reel as a tape from which a film has been transferred, said film transfer tool being characterized in that said transfer head is constituted by a supporting frame provided on said case in such a manner as to protrude therefrom and a transfer roller provided in such a manner as to rotatably extend between side pieces of said supporting frame, said transfer roller having

an outside diameter of 1mm to 3mm, and that a resilient member is provided on said transfer roller of said transfer head so as to constitute an outer circumferential layer of said transfer roller, so that said film transfer tape is brought into press contact with an axial intermediate portion of said resilient member.

2. A method for producing a small diameter roller for use for a transfer head of a film transfer tool in which said small diameter roller is produced by placing a heat shrinkable tube over a core material and heating said tube so that said heat shrinkable tube shrinks to cover said core material.

3. A method as set forth in Claim 2, wherein a collar portion is provided at each end of said core material for preventing the axial deviation of said heat shrinkable tube.

4. A method for producing a small diameter roller for use for a transfer head of a film transfer tool in which said small diameter core material is produced by submerging a rubber or silicone rubber tube in petroleum oil or an organic solvent to let said tube swell, said rubber or silicone rubber tube being formed to have an inside diameter which is smaller than an outside diameter of a core material, placing said rubber or silicone rubber tube that has so swollen over said core material,

and thereafter drying said rubber or silicone rubber tube so placed over so that said tube shrinks to cover said core material.

5. A method as set forth in Claim 4, wherein a collar portion is provided at each end of said core material for preventing the axial deviation of said rubber or silicone rubber tube.

6. A method for producing a small diameter roller for use for a transfer head of a film transfer tool in which said small diameter core material is produced by forming a resilient coat over a core material through painting or coating.

7. A method for producing a small diameter roller for use for a transfer head of a film transfer tool in which said small diameter roll is produced by forming a rubber-like material over an outer circumferential surface of a core material through insert molding.

8. A method for producing a small diameter roller for use for a transfer head of a film transfer tool in which said small diameter roller is produced by loosely placing over a small diameter shaft which is cut to a suitable length a hollow shaft formed to have an inside diameter which is larger than the outside diameter of said small shaft.

9. A method for producing a small diameter roller for use for a transfer head of a film transfer tool in which said small diameter roller is produced by forming simultaneously a core material and a resilient portion through two-color extrusion molding and thereafter cutting said core material and said resilient portion to a suitable dimension.

10. A method for producing a small diameter roller for use for a transfer head of a film transfer tool in which said small diameter roller is produced by skiving a resin or metallic material.